

Click on images  
to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 23 February 2013 (Week 8)

## 2012-2013 Seasonal Influenza Vaccination Coverage

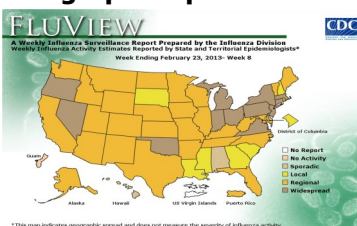
As of 27 FEB 2013

97%	DOD
98%	Army Active Duty
93%	Army Guard
85%	Army Reserve

**SYNOPSIS:** During week 8, Army Influenza-Like Illness (ILI) activity was lower than the same time last season. CDC reported ILI and the proportion of deaths attributed to pneumonia and influenza remained elevated in the US, but continued to trend downward.

- **ILI Activity:** Army incident ILI outpatient visits in week 8 were 27% lower than the same week last year.
- **Influenza cases:** Three hospitalized influenza cases were reported to USAPHC in week 8. 78 hospitalized cases have been reported during this influenza season, 69 in dependents and 9 in Active Duty.
- **Acute Respiratory Disease at BCT sites:** While ARD rates remain low, surveillance testing in week 8 did not detect influenza at Army BCT sites.
- **Viral specimens:** During week 8, 295 of 930 (32%) laboratory specimens tested were positive for respiratory pathogens. Influenza A accounted for 39% of positive specimens. Most of the influenza positive specimens were from SRMC (36%); 21% were from WRMC, and 16% from ERMC.

## Geographic Spread

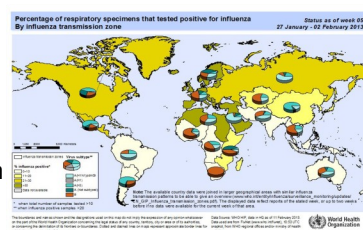


## United States

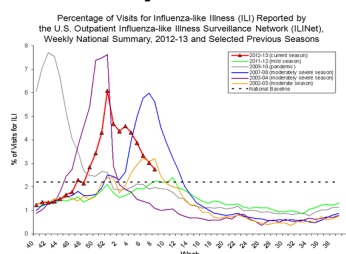
- During week 8, only 12 states reported widespread activity; Puerto Rico and 28 states reported regional activity. D.C. and 10 states reported local or sporadic activity. Guam reported no influenza activity.

## Global

- In Europe, influenza continues to increase, with A H1N1 virus predominant. Activity is ongoing throughout the temperate region of Asia and remained low in tropical areas. Most countries in Africa experienced decreasing activity.

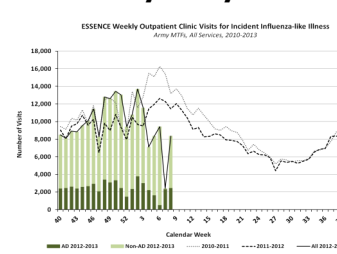


## ILI Activity United States



- For week 8, 2.7% of outpatient visits reported through ILINet were due to ILI, which is above the national baseline of 2.2%.
- 8 of 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 1.6 to 4.1% across regions.

## ILI Activity Army



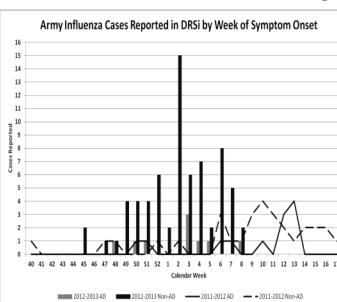
- During week 8, incident ILI activity was 27% lower than at the same time last year, but 36% lower than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 8; in 2011-2012, AD SMs comprised 29% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					
Test Result	Week 5	Week 6	Week 7	Week 8	Season Total
Influenza A	292	242	156	116	9019
Influenza B	124	102	127	89	1800
Adenovirus	13	11	12	8	326
Enterovirus	0	0	1	1	15
Parainfluenza	19	20	9	12	795
RSV	152	124	115	69	2847
Negative	1519	1152	1126	930	76205
Total Results	2119	1651	1546	1225	5316

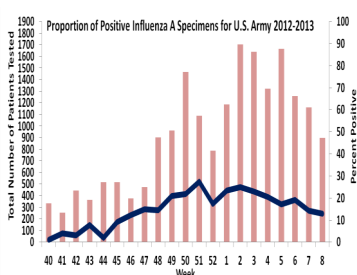
- 32% (295) of respiratory specimens were positive during week 8; influenza A accounted for 39% of positive specimens.
- Influenza B accounted for 30% of positive specimens, and RSV for 23%.
- Parainfluenza accounted for 4% of positive specimens, and adenovirus for 3%.

## DRSi Influenza Case Reporting



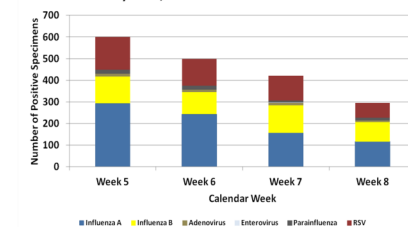
- 1 AD SM and 2 dependents with hospitalized influenza were reported in DRSi during week 8.
- A total of 78 hospitalized influenza cases have been reported this season for the US Army, 69 in dependents and 9 in AD SMs.
- At the same time last influenza season, only 4 AD SMs were reported hospitalized with influenza.

## Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 8 (13%) remained stable from week 7 (14%).
- 83 of the 116 (72%) positive influenza A specimens in week 8 were from non-AD personnel.
- 42 (36%) of the 116 positive influenza A specimens were from SRMC, 24 (21%) were from WRMC, and 18 (16%) were from ERMC.
- PRMC reported 17 (15%) and NRMC reported 8 (7%) influenza A cases, respectively.

## Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season



**Additional Resources:** Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC; WHO

**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD-Acute Respiratory Disease; NHRC- Naval Health Research Center; ADV-Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

## Questions?

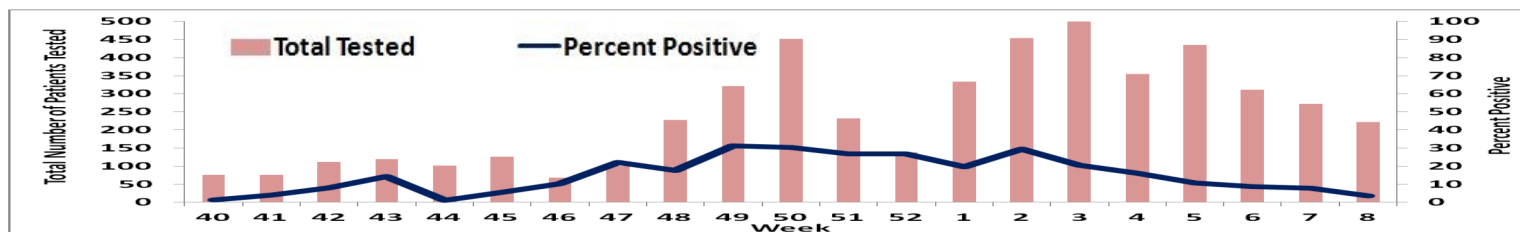
Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774



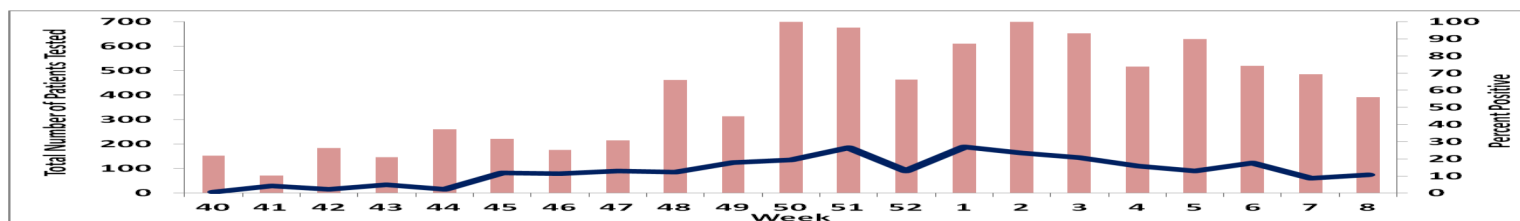
# U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

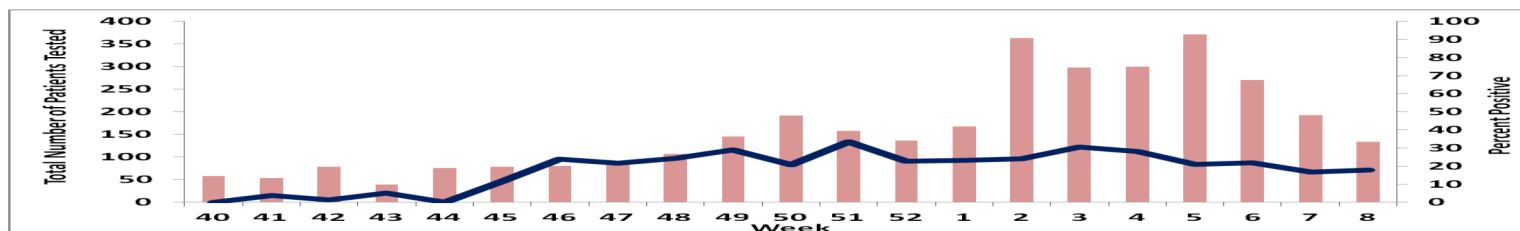
## Northern Regional Medical Command (NRMC)



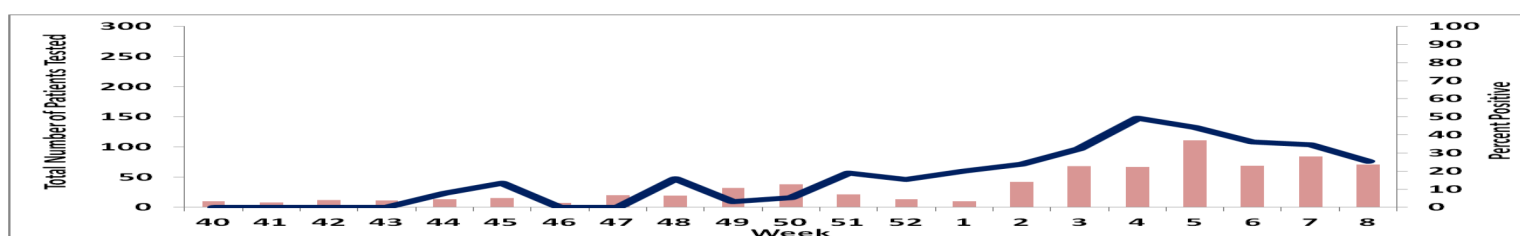
## Southern Regional Medical Command (SRMC)



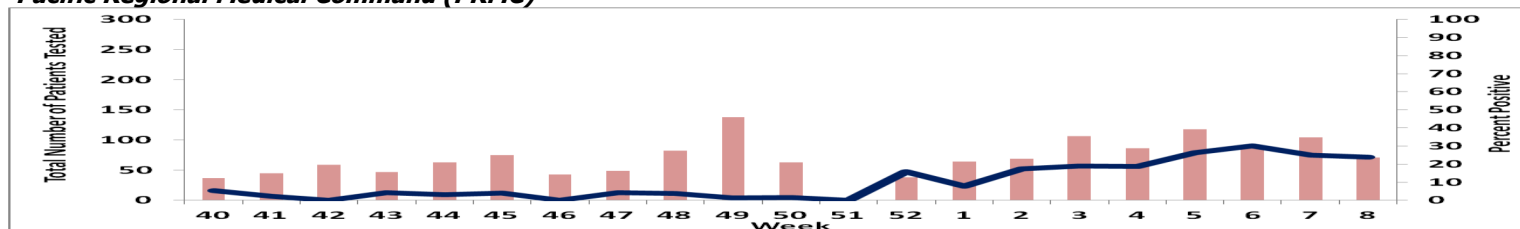
## Western Regional Medical Command (WRMC)



## European Regional Medical Command (ERMC)



## Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 1		Week 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	22	43	52	82	52	53	27	30	18	28	6	21	6	15	2	6
SRMC	37	128	55	127	22	113	19	63	14	67	22	70	15	27	9	33
WRMC	10	29	20	67	23	68	20	64	18	60	10	49	7	25	5	19
ERMC	1	1	4	6	5	17	11	22	14	35	12	13	12	17	7	11
PRMC	1	4	5	7	4	16	5	11	9	22	15	12	8	18	7	10
CENTCOM	0	0	0	0	2	0	0	0	1	1	6	6	8	7	3	4

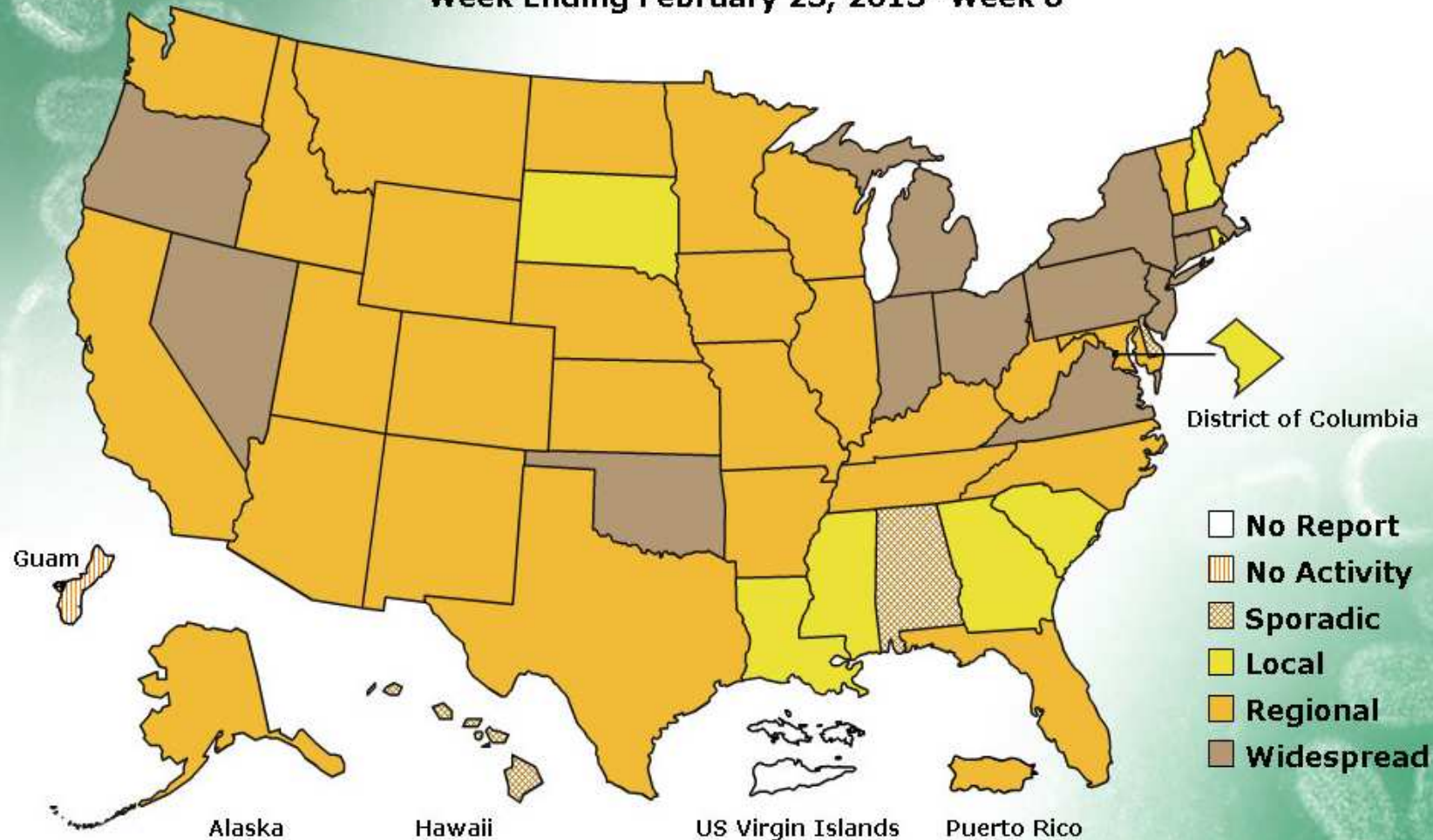
**Locations providing week 8 laboratory data as of 27 February 2013:** Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, FT Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler and West Point

# FLUVIEW



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**  
**Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

**Week Ending February 23, 2013- Week 8**

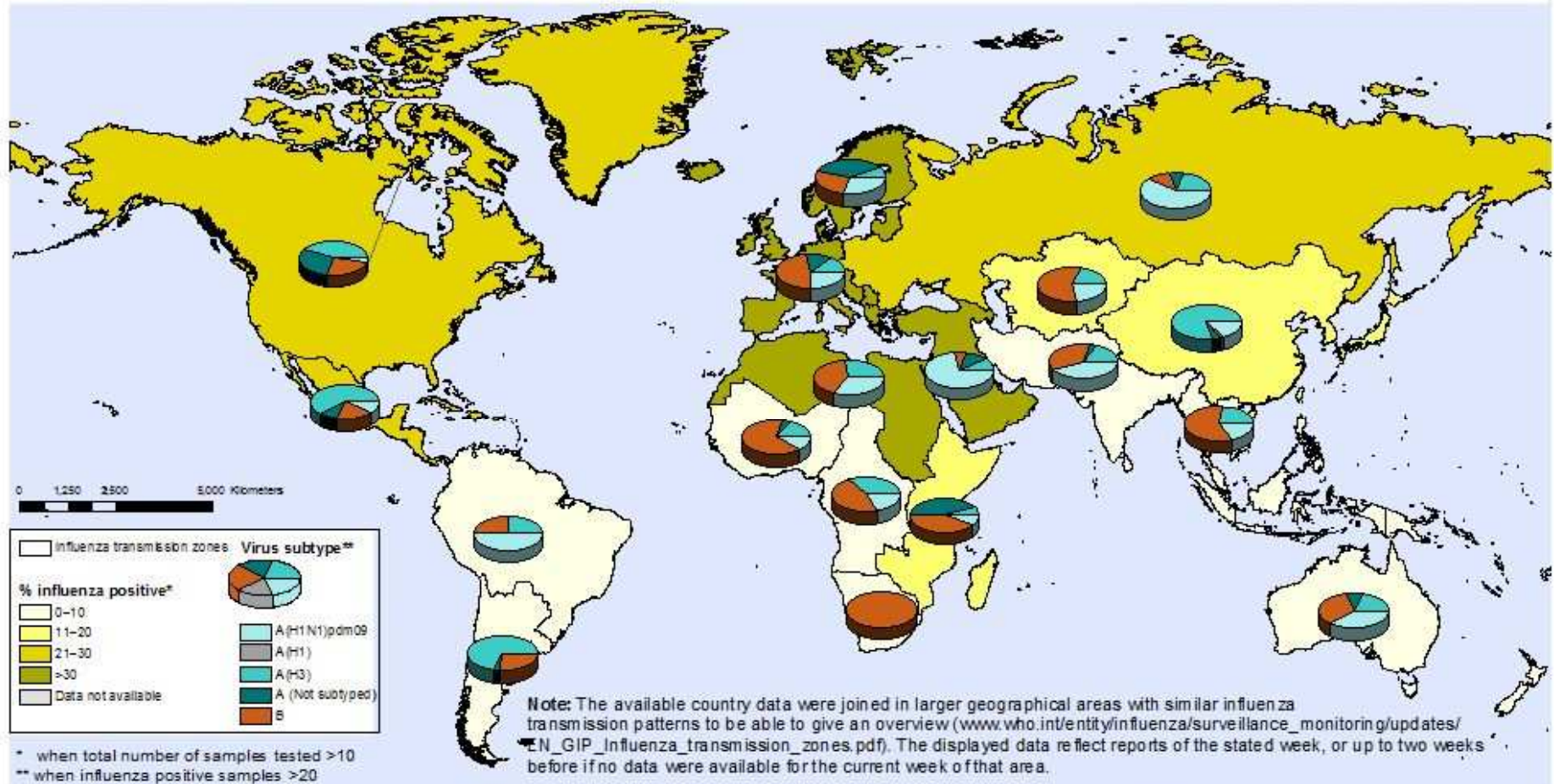


\*This map indicates geographic spread and does not measure the severity of influenza activity.



# Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 05  
27 January - 02 February 2013



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

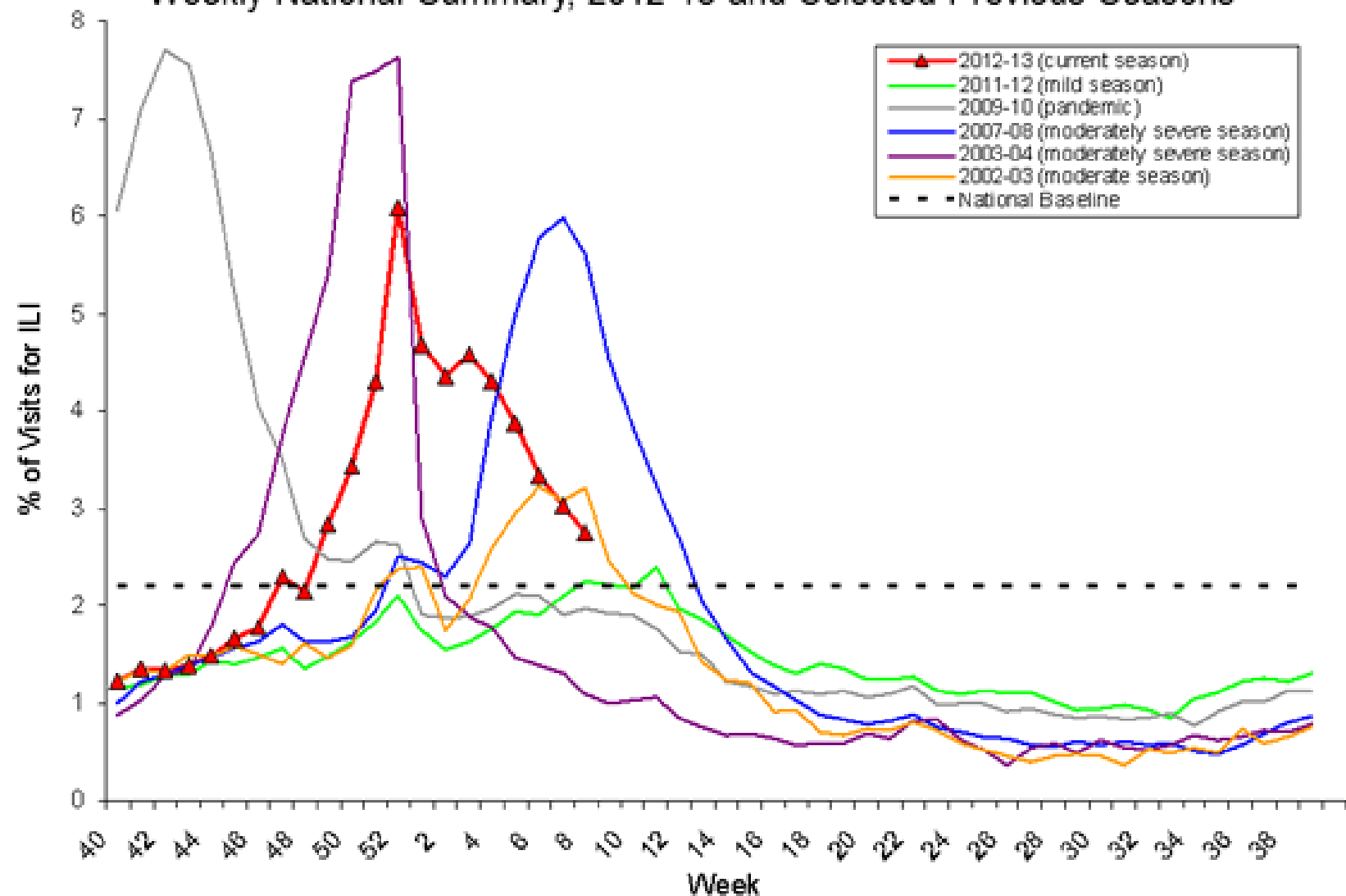
Data Source: WHO/HIP, data in HQ as of 11 February 2013.  
Data used are from FluNet ([www.who.int/flu-net](http://www.who.int/flu-net)), 10:53 UTC snapshot, from WHO regional offices and/or ministry of health websites.

 **World Health Organization**  
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[http://www.who.int/influenza/gisrs\\_laboratory/updates/summaryreport/en/index.html](http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html)

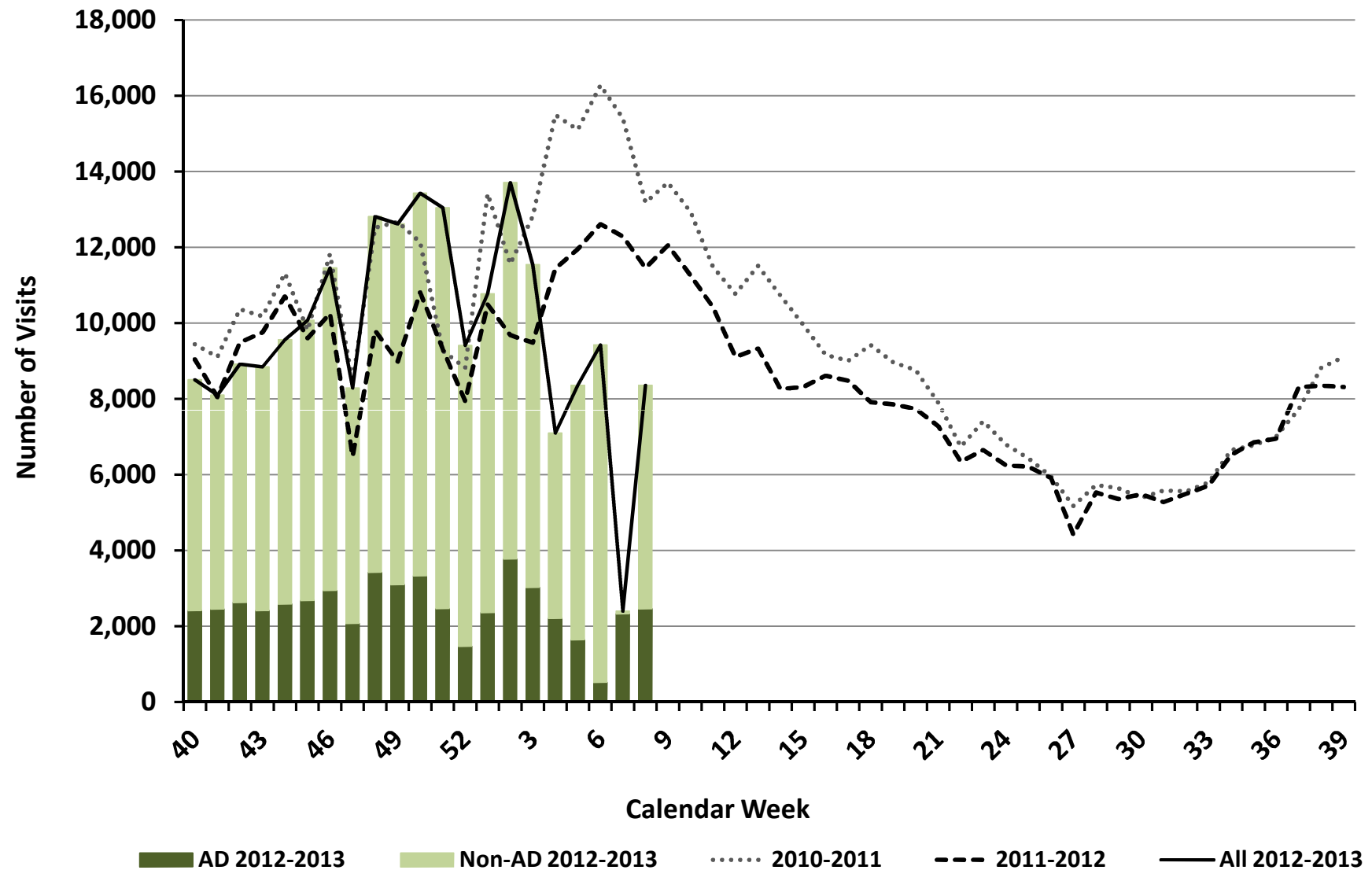
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Percentage of Visits for Influenza-like Illness (ILI) Reported by  
the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),  
Weekly National Summary, 2012-13 and Selected Previous Seasons



## ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

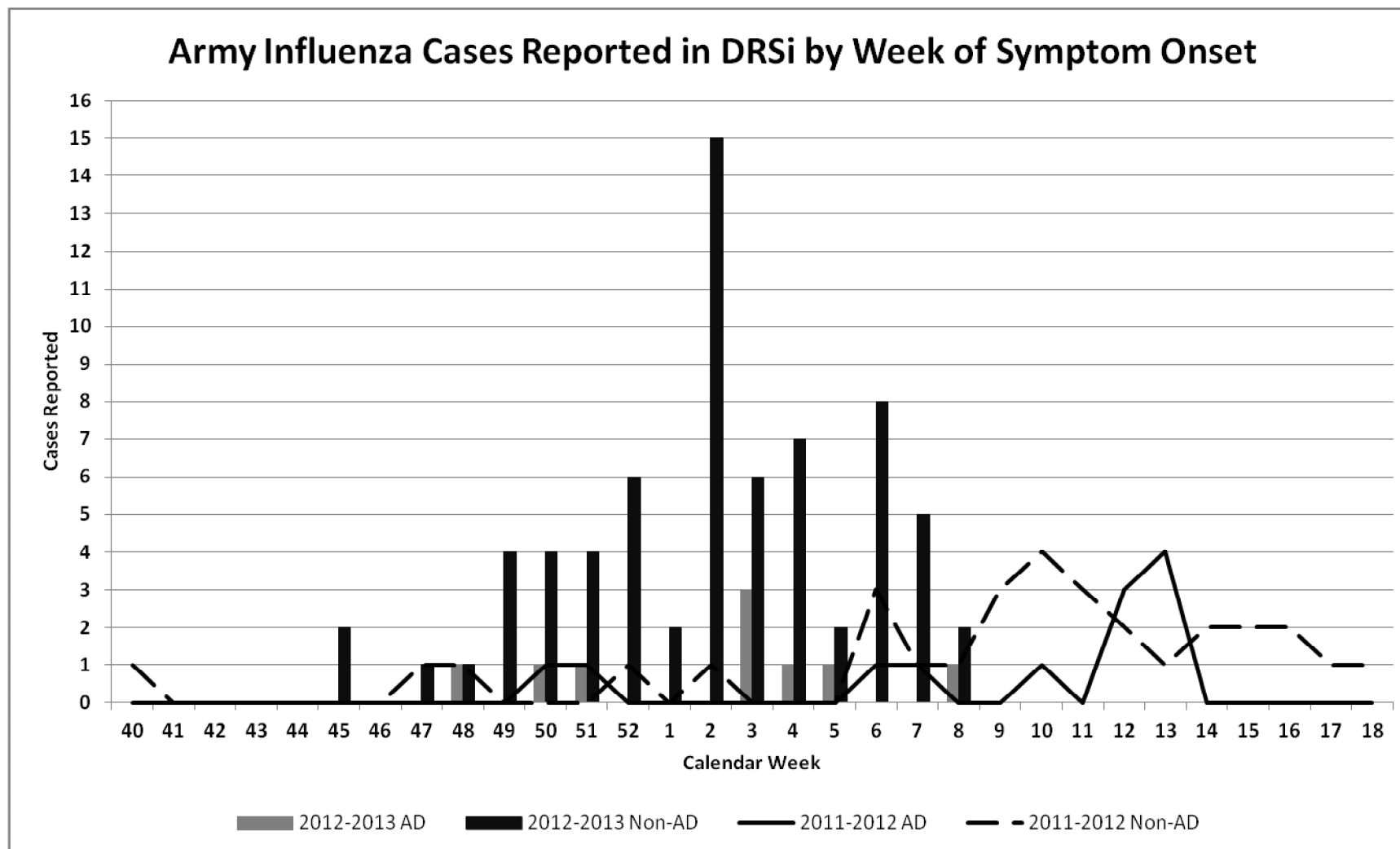
*Army MTFs, All Services, 2010-2013*



*Clinic visits for ILI are obtained from ESSENCE. Data as of 26 February 2013.*

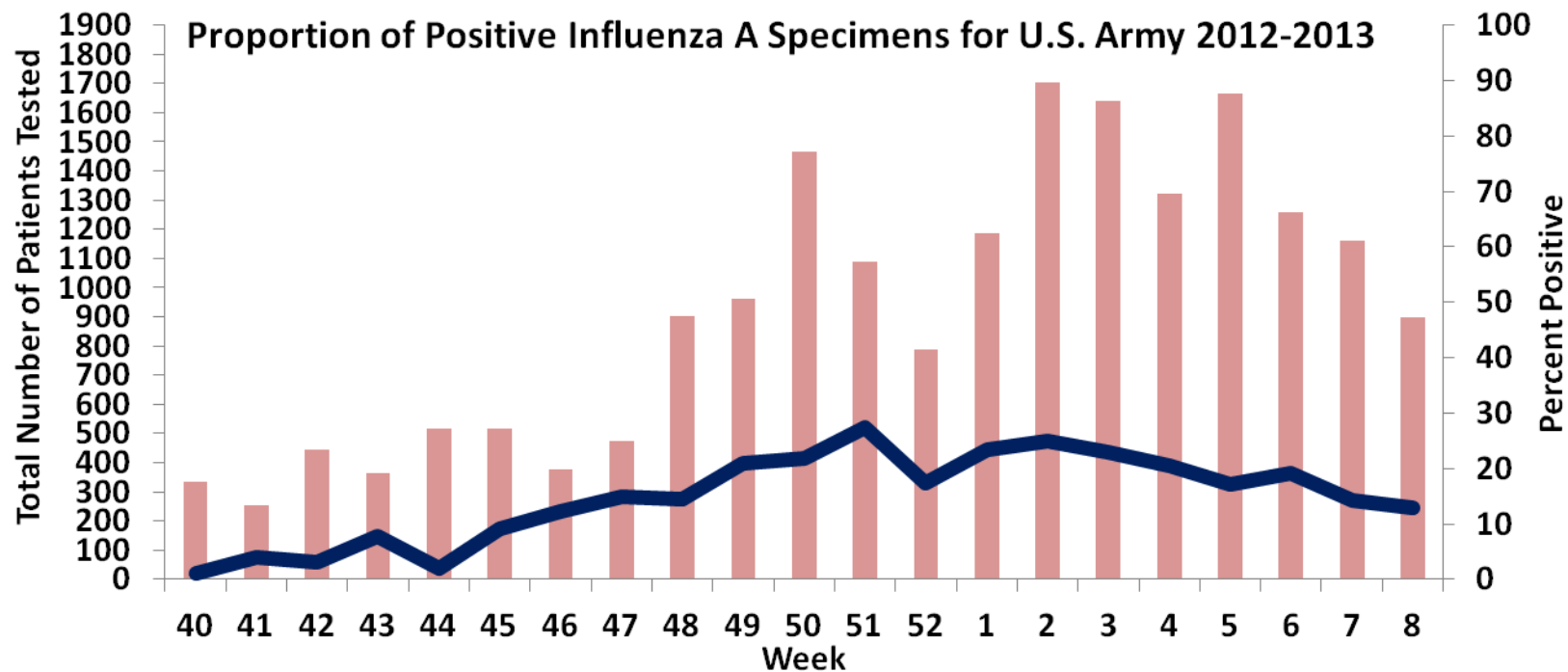
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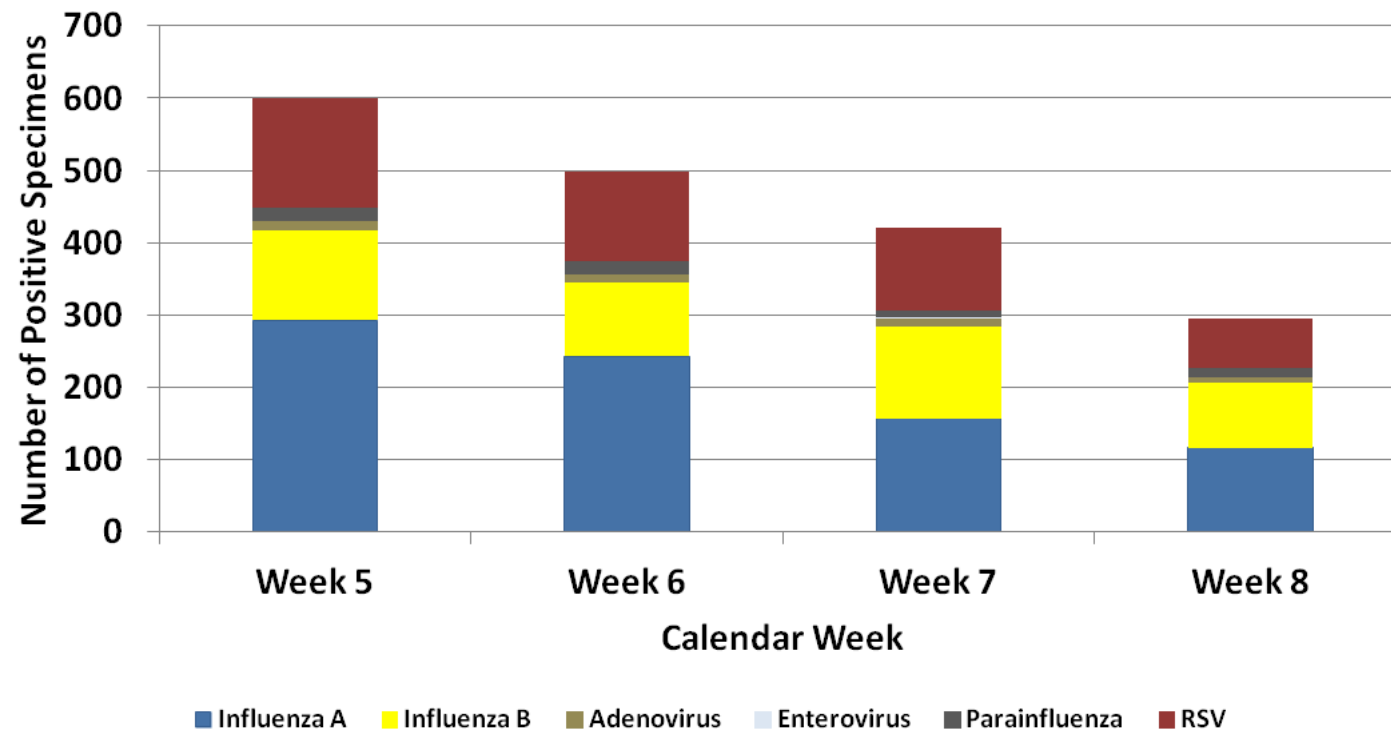


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
Data as of 27 February 2013.





## Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season



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